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Nota di contenuto	Front Cover; Atomic and Molecular Photoabsorption; Copyright; Contents; Preface; Acknowledgment; Chapter 1 - Alternative Designations of Absolute Partial Cross Sections; 1.1. THE SO-CALLED COMPLETE, OR PERFECT, EXPERIMENT; 1.2 MULTICHANNEL QUANTUM DEFECT THEORY (MQDT); 1.3 THE MOLECULAR ORBITAL PICTURE; ONE-HOLE IONIZED STATES FROM EACH ORBITAL; 1.4 IONIZATION CROSS-SECTIONS CAN ALSO BE PARTITIONED ACCORDING TO THEIR FINAL IONIC STATE; REFERENCES; Chapter 2 - Atoms; Chapter 2.1 - Absolute Partial Cross-Sections of Helium; 2.1.1 INTRODUCTION; 2.1.2 TOTAL PHOTOABSORPTION 2.1.3 PARTIAL CROSS-SECTIONS 2.1.4 ABOVE THE HE2+ THRESHOLD; REFERENCES; Chapter 2.2 - Absolute Partial Cross-Sections of Atomic Lithium; 2.2.1 INTRODUCTION; 2.2.2 PARTIAL CROSS-SECTIONS BELOW 64.41 EV; 2.2.3 PHOTOELECTRON SPECTROSCOPY; 2.2.4 PHOTOIONIZATION MASS SPECTROSCOPY; REFERENCES; Chapter 2.3 - Absolute Partial Cross-Sections of Atomic Nitrogen; 2.3.1 INTRODUCTION; 2.3.2 PHOTOELECTRON SPECTROSCOPY; 2.3.3 PHOTOIONIZATION MASS SPECTROMETRY; REFERENCES; Chapter 2.4 - Absolute Partial Cross-Sections of Atomic Oxygen; 2.4.1 INTRODUCTION; 2.4.2 PHOTOELECTRON SPECTROSCOPY 2.4.3 PHOTOIONIZATION MASS SPECTROMETRY REFERENCES; Chapter 2.5 - Absolute Partial Cross-Sections of Neon; 2.5.1 VALENCE SHELL

PHOTOIONIZATION; 2.5.2 PHOTOIONIZATION IN THE VICINITY OF THE K-SHELL; REFERENCES; Chapter 2.6 - Absolute Partial Cross-Sections of Sodium; 2.6.1 INTRODUCTION; 2.6.2 PHOTOELECTRON SPECTROSCOPY; 2.6.3 PHOTOIONIZATION MASS SPECTROMETRY; 2.6.4 K-SHELL IONIZATION; REFERENCES; Chapter 2.7 - Absolute Partial Cross-Sections of Atomic Chlorine; 2.7.1 PHOTOELECTRON SPECTROSCOPY; 2.7.2 PHOTOIONIZATION MASS SPECTROMETRY; REFERENCES Chapter 3.2 - Absolute Partial Cross-Sections of N23.2.1 OUTER VALENCE REGION; 3.2.2 INNER VALENCE REGION; 3.2.3 PARTIAL CROSS-SECTIONS NEAR THE K-EDGE; REFERENCES; Chapter 3.3 - Absolute Partial Cross-Sections of Molecular Oxygen; 3.3.1 OUTER VALENCE REGION; 3.3.2 INNER VALENCE REGION; 3.3.3 PARTIAL CROSS-SECTIONS NEAR THE K-EDGE; REFERENCES; Chapter 3.4 - Absolute Partial Cross-Sections of Carbon Monoxide; 3.4.1 OUTER VALENCE REGION; 3.4.2 INNER VALENCE REGION; 3.4.3 PARTIAL CROSS-SECTIONS NEAR THE CARBON K-EDGE; 3.4.4 PARTIAL CROSS-SECTIONS NEAR THE OXYGEN K-EDGE; REFERENCES Chapter 3.5 - Absolute Partial Cross-Sections of NO
